

Claims

What is claimed is:

- 1 1. An apparatus comprising:
 - 2 variable delay generator logic configured to generate a signal to cause the
 - 3 presentation of a target an unpredictable time interval after receiving a start
 - 4 signal;
 - 5 presentation duration control logic configured to cause the target presentation to
 - 6 continue for one of an unpredictable presentation time interval determined by
 - 7 the variable delay generator logic, and a selectable predetermined time interval;
 - 8 and
 - 9 presentation count control logic configured to cause target presentation to repeat for
 - 10 one of an unpredictable presentation count determined by the variable delay
 - 11 generator logic, and a selectable predetermined presentation count.
- 1 2. The apparatus of claim 1, further comprising:
 - 2 the variable delay generator logic comprising a first counter configured to count at a
 - 3 first rate, and a second counter configured to count at a second rate starting
 - 4 from an initial count value provided by the first counter, wherein the second
 - 5 counter generates the signal to cause the presentation of the target an
 - 6 unpredictable time interval after receiving the start signal.

1 3. The apparatus of claim 2, the presentation duration control logic comprising a third
2 counter and configured to provide to the third counter an initial count value determined
3 from one of the variable delay generator logic and an analog switch.

1 4. The apparatus of claim 3, further comprising:
2 the presentation duration control logic configured to provide to the third counter an
3 initial count value provided by the first counter.

1 5. The apparatus of claim 2, the presentation count control logic comprising a third
2 counter and configured to provide to the third counter a target presentation count
3 determined from one of the first counter of the variable delay generator logic and an
4 analog switch.

1 6. The apparatus of claim 1, further comprising:
2 the variable delay generator logic configured to generate the signal to cause the
3 presentation of the target after an interval of time comprising a predetermined
4 delay interval and an unpredictable delay interval.

1 7. The apparatus of claim 1, further comprising:
2 start/repeat logic to repeatedly generate the start signal a number of times determined
3 by the presentation count control logic.

1 8. A target controller comprising:
2 a first counter configured to count at a first rate;
3 a second counter configured to count at a second rate;

- 4 the first and second counter cooperating to determine a delay between receipt of a
- 5 start signal and target presentation;
- 6 a third counter to determine a target presentation duration; and
- 7 a fourth counter to determine a target presentation count.

1 9. The target controller of claim 8, configured to provide the third counter
2 with an initial count value selected from one of the count value of
3 the first counter and a set of selectable fixed values.

1 10. The target controller of claim 8, configured to provide the fourth counter
2 with an initial count value selected from one of the count value of the first
3 counter and a set of selectable fixed values.

1 11. A target controller comprising:
2 a first counter configured to count at a first rate;
3 a second counter configured to count at a second rate;
4 the first and second counter cooperating to determine a delay between
5 receipt of a start signal and target presentation;
6 a presentation duration control having a setting determined by one of the
7 first and second counters; and
8 a presentation count control having a setting determined by one of the first
9 and second counters.